Attorney's Docket No.: PD53612US01

U.S. Serial No.: 10/589,252

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the Application: Listing of claims:

1. (currently amended) An electro-acoustic communications unit for producing desired frequency characteristics in an alert mode and a phone mode, comprising:

- a housing with a wall defining an interior, having a certain volume (V), and an exterior,
- an acoustic driver for generating acoustic signals, said acoustic driver being mounted to the wall,
- an acoustic port, having a length (L) and a cross-sectional area (A), said <u>acoustic</u> port penetrating the wall and connecting the interior of the housing with the exterior of said housing, wherein

the housing defined by the wall is tightly sealed and [[that]] the volume (V), length (L) and cross-sectional area (A) are dimensioned in relation to the acoustic driver in a way such that said electro-acoustic communications unit achieves desired the frequency characteristics in the phone mode, that is when engaging [[the]] an exterior end of said acoustic port of the electro-acoustic communications unit with a user's ear, wherein said desired frequency characteristics comprises comprise an increase of [[the]] high-frequency performance level relative to [[the]] a performance of a communications unit alone.

2. (previously presented) The electro-acoustic communications unit according to claim 1, wherein the acoustic driver has a first side directed towards the interior of the housing

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defined by the wall, and a second side directed towards the exterior of the housing defined

by the wall, and

wherein the first side of the acoustic driver is arranged to drive acoustic signals into the

interior of the housing.

3. (previously presented) The electro-acoustic communications unit according to claim 2,

wherein the acoustic port is adapted to make use of the acoustic signals driven into the

interior of the housing.

4. (previously presented) The electro-acoustic communications unit according to claim 2,

wherein the acoustic signals generated by the second side of the driver, are directed to

dissipate without being used by the user.

5. (previously presented) The electro-acoustic communications unit according to claim 1,

wherein

the volume (V) of the housing is of the order of between 0.5 and 10 cubic centimeters

(cm³), the length (L) of the acoustic port of the order of between 0.5 and 20 centimeters (cm)

and the cross-sectional area (A) or the acoustic port of the order of between 1 and 120 square

millimeters (mm²).

6. (currently amended) The electro-acoustic communications unit according to claim 1,

wherein the portable communication device comprising an electro-acoustic communications

unit comprises a portable communication device according to claim 1.

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7. (currently amended) The <u>electro-acoustic communications unit</u> portable communication

device, according to claim 6, wherein the portable communication device is a mobile phone.

8. (currently amended) The <u>electro-acoustic communications unit</u> portable communications

device, according to claim 7,

wherein said portable communication device is adapted to attenuate the acoustic signals

generated by an exterior side of the driver, with respect to the housing wall.

9. (cancelled).

10. (new) A method of providing an increase in high frequency characteristics in an electro-

acoustic communications unit comprising:

providing a housing with a wall defining an interior, having a certain volume (V), and

an exterior;

providing an acoustic driver for generating acoustic signals, the acoustic driver being

mounted to the wall; and

providing an acoustic port, having a length (L) and a cross-sectional area (A), the

acoustic port penetrating the wall and connecting the interior of the housing with the exterior

of said housing, wherein the volume (V), length (L) and cross-sectional area (A) are

dimensioned in relation to the acoustic driver such that the electro-acoustic communications

unit provides an increased high frequency performance when engaging an exterior end of

said acoustic port of the electro-acoustic communications unit with a user's ear.

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